ional Application No

INTERNATIONAL SEARCH REPORT

PCT/US2004/029710 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09G1/02 C09K3/14 H01L21/768 H01L21/3105 H01L21/321 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO9G C09K H01L Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family

Date of the actual completion of the international search 21 January 2005

Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016

Authorized officer

Matthijssen, J-J

Date of mailing of the international search report

2

INTERNATIONAL SEARCH REPORT

Intermional Application No PCT/US2004/029710

		PC1/U32004/029/10		
C.(Continua Category •	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Category	Oralish of document, with indication, where appropriate, or the relevant passages			
Х	US 2001/006224 A1 (ITAKURA TETSUYUKI ET AL) 5 July 2001 (2001-07-05)	1-6, 8-18, 20-27, 29-40, 42-49, 51-61, 63-71, 73-84, 86-92		
	paragraph '0008! paragraph '0016! paragraph '0018! paragraph '0025!			
	paragraph '0028! - paragraph '0030! paragraph '0040! paragraph '0043!			
Α	paragraph '0045! - paragraph '0050!	7,19,28, 41,50, 62,72,85		
	paragraph '0053! paragraph '0058!			
Α	EP 1 229 093 A (FUJIMI INC) 7 August 2002 (2002-08-07) paragraph '0016! - paragraph '0021! paragraph '0024! - paragraph '0027! paragraph '0032! - paragraph '0033! paragraph '0039!	1-92		
A	EP 1 193 745 A (SHOWA DENKO KK) 3 April 2002 (2002-04-03) paragraph '0004! paragraph '0015! - paragraph '0018! page 4, line 22 page 4, line 48 - page 5, line 2 paragraph '0050!	1-92		
Α	US 2003/148614 A1 (SIMPSON ALEXANDER WILLIAM ET AL) 7 August 2003 (2003-08-07) paragraph '0005! - paragraph '0006! claims 1,8,38,62	1		

2

Internal Application No PCT/US2004/029710

				1017	PC1/032004/029/10	
Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
US 2001006224	A1	05-07-2001	JP	2001187876 A	10-07-2001	
EP 1229093	A	07-08-2002	JP CN EP TW US	2002231666 A 1369530 A 1229093 A1 555840 B 2002139055 A1	16-08-2002 18-09-2002 07-08-2002 01-10-2003 03-10-2002	
EP 1193745	A	03-04-2002	AU EP WO TW US	3057601 A 1193745 A1 0157919 A1 503154 B 2003153188 A1 2002017064 A1	14-08-2001 03-04-2002 09-08-2001 21-09-2002 14-08-2003 14-02-2002	

INTERNATIONAL SEARCH REPORT

US 2003148614 A1 07-08-2003 NONE